



DOUBLE E
G R O U P



BOWED ROLLERS



"Flange Mount" design shown here.
"Foot Mount" models also available.

LEARN MORE

Bowed rollers, or spreader rollers, are used in the paper, film, foil, and textile industries to spread the web material uniformly in order to eliminate creases or wrinkles. In slitting operations, these rollers are used to prevent interweaving of material.

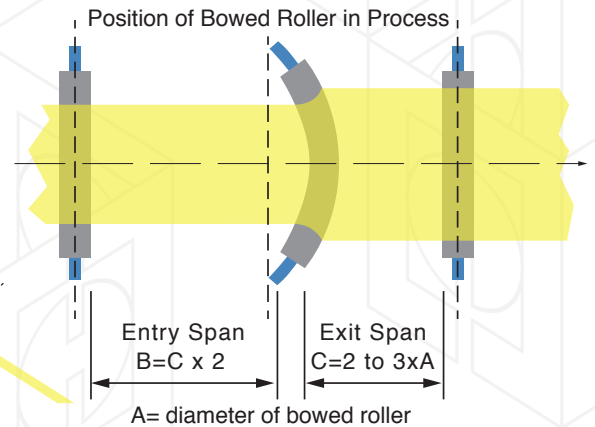
The standard fixed bow model with rubber cover is suitable for many applications, but variable bow and other models are also available. With the application information that you provide on the back of this sheet, we will specify the spreader roller that is right for you.

Standard Bowed Roller Dimensions

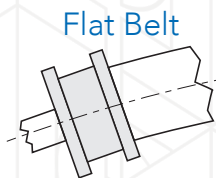
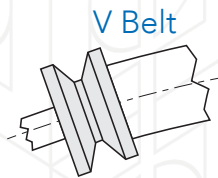
Nominal Body Diameter	Minimum Body Length	Maximum Body Length
2.95" / 75mm	16" / 400mm	71" / 1800mm
3.35" / 85mm	16" / 400mm	95" / 2400mm
3.94" / 100mm	32" / 800mm	118" / 3000mm
4.72" / 120mm	32" / 800mm	157" / 4000mm
5.91" / 150mm	63" / 1600mm	157" / 4000mm

Other standard and custom sizes also available.

Optimum Spreading Conditions

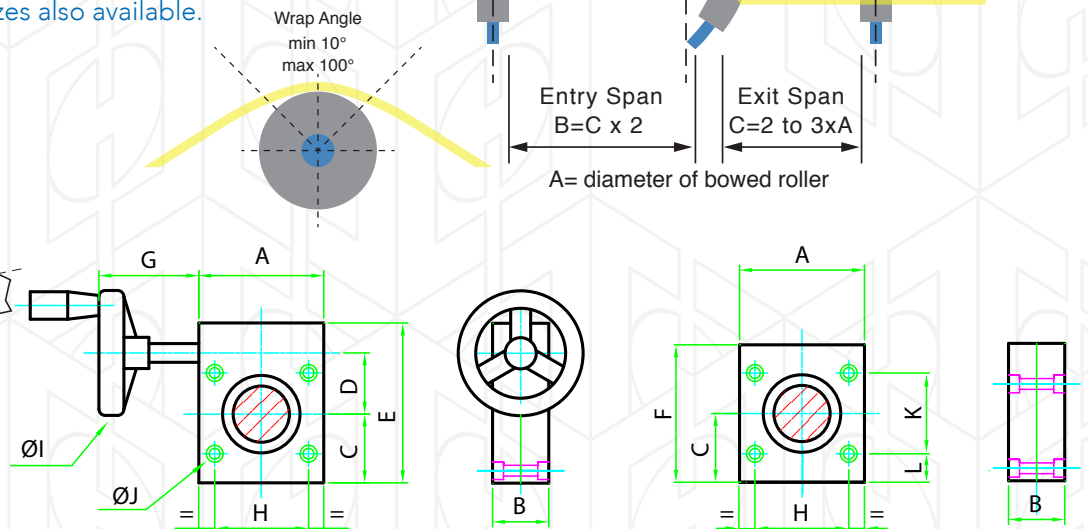


Available Belt-Driven Engagements



Standard Mounting Flange Dimensions

Other standard and custom sizes also available.

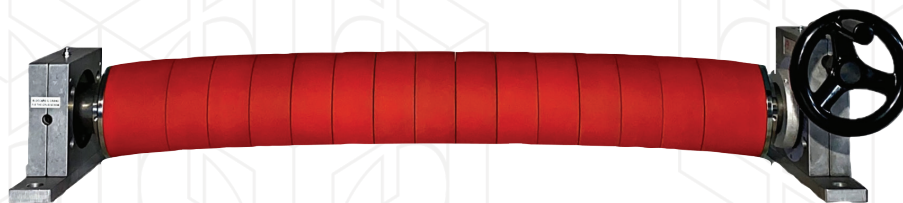


Body Diameter	A	B	C	D	E	F	G	H	I	J	K	L
2.95 [75]	2.63 [60]	1.18 [30]	1.26 [32]	1.16 [29.5]	3.19 [81]	2.52 [64]	1.97 [50]	1.57 [40]	2.36 [60]	.26 [6.5]	1.81 [46]	.35 [9]
3.35 [85]	2.76 [70]	1.57 [40]	1.38 [35]	1.57 [40]	3.74 [95]	2.76 [70]	2.56 [65]	1.97 [50]	3.15 [80]	.26 [6.5]	1.97 [50]	.39 [10]
3.94 [100]	3.94 [100]	1.77 [45]	2.17 [55]	1.93 [49]	5.04 [128]	4.33 [110]	3.15 [80]	N/A	3.94 [100]	.33 [8.5]	N/A	N/A
4.72 [120]	5.12 [130]	1.97 [50]	2.56 [65]	2.60 [66]	6.18 [157]	5.12 [130]	2.95 [75]	3.94 [100]	5.51 [140]	.33 [8.5]	2.36 [60]	1.38 [35]
5.91 [150]	6.30 [160]	2.36 [60]	3.15 [80]	3.46 [88]	7.87 [200]	6.30 [160]	2.83 [72]	5.31 [135]	N/A	.52 [13]	4.33 [110]	.98 [25]

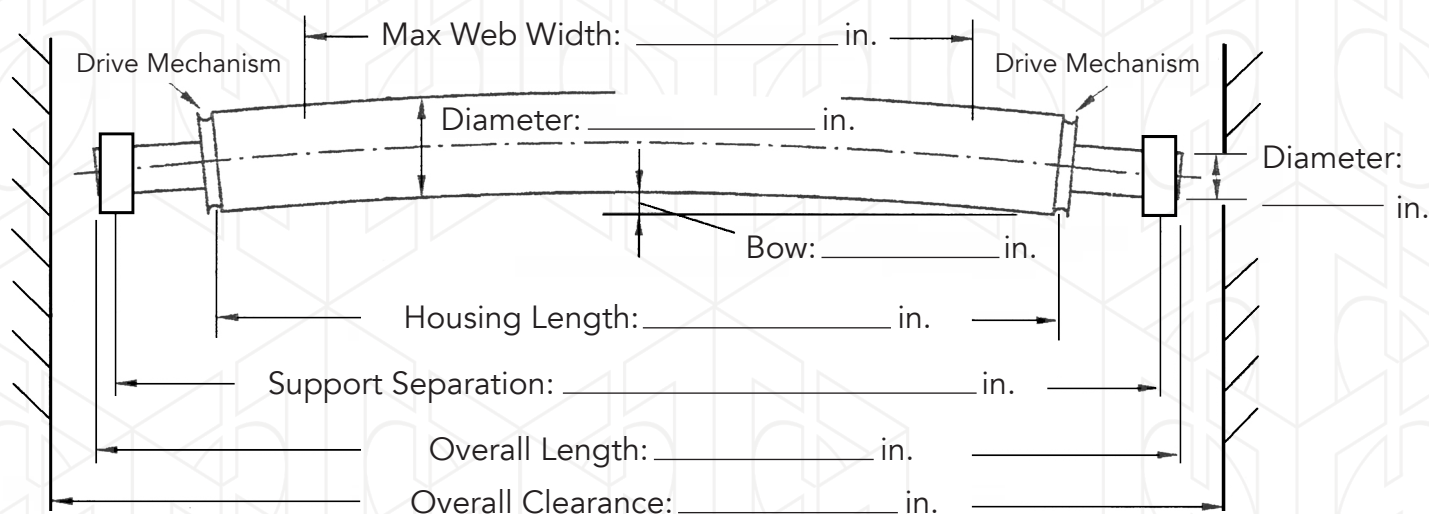
Dimensions shown in inches and [mm] Note: Dimensions provided for reference only. Actual supports may vary. Please consult your approval drawing for actual mounting dimensions.

319 Manley Street • West Bridgewater, MA 02379 • (508) 588-8099 • ee-co.com • info@ee-co.com

BOWED ROLLER SPECIFICATIONS



Company Name: _____ Date: _____
Name: _____ Title: _____
Address: _____
City, State, Postal Code, Country: _____
Phone: _____ Fax: _____ E-mail: _____



Type of Machine: _____
OEM: _____
Model: _____
Location of Bowed Roller (where in the process?): _____

Max. Web Speed: _____ fpm
Average Web Speed: _____ fpm
Web Material: _____
Web Thickness: _____
Web Tension: _____ pli

Operating Temperature: _____ °F

Desired Bow Type: Fixed (Std.) ☐
Variable ☐

Desired Roller Cover Material:

Standard Rubber ☐ Other ☐

If Other, please give details: _____

Mounting: Foot ☐ Flange ☐

Driven? Yes ☐ No ☐

If Yes, Flat Belt ☐ V Belt ☐ Other ☐

If Other, please give details: _____

Application notes (including presence of water, chemicals, solvents, grease, etc.): _____

SCAN ME!



ee-co.com